



1912



CASH



J. A. G. Rehn.

July 1907.

S M T W T F S

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31

Aug.

1 2 3

~~4 5 6~~

4 5 6 7 8 9 10

11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28 29 30 31

quinn

John

Spencer

Cash

Walter

John



Tentative itinerary

Leave Phila	July 5.
Arr. El Paso.	morn July 9 (2)
Leave " "	even. " 11
Arr. Alamogordo.	even. " "(2)
Leave " "	morn " 14
Arr. Cloudcroft	morn. " 14 (3)
Leave " "	aft. " 17
Arr. Heming	morn. " 18 (1)
Leave " "	" 19
Arr. Silver City	" 19 (2)
Leave " "	" 22
Arr. Benson	after. " 22
Leave " "	" 23
Arr. Hurford	" 23
Leave " "	Aug. 13
Arr. Tucson	" 14
Leave " "	" 16
Arr. Yuma	" 17
Leave " "	" 21
Lvo Angeles	" 22

63
72
Trees.

Pinus edulis.

Has short curved needles.

P. cembroides

- Similar to edulis but has
finer needles.

P. ponderosa Has moderately
long (3-4 inch) needles.

Pseudotsuga. Has peculiar
tossely scaled cones.

Populus tremuloides Has
very small leaf with finely
crenulate-dentate margins.

Quercus gambelii Has
typical deeply notched
rounded lobed oak leaf.

Q. emoryi Has elongate
leaf hardly crenulate.

Nothofagus Is that peculiar
spring triggered bush which
we met with in N. Mex

Mr. Skinner says that
Hooglen has better
accommodations than
Dodd. He is Superintendent
of the Water supply of
Dorchester. Mail address
Palmerlee. An alternative
is Mr. Boerner of the
same mail address.

Stroke. ~~Low~~ ^{High} pulse,
skin hot & dry. Rest in
shade, cold water to
head and wrists. No
stimulants.

Head exhaustion. ~~High~~
Low pulse, skin moist
and damp. Shade (if
possible), stimulant.

Sodium sulphide in
solution for red bug
preventative lotion. Also
dust naphthalin in the
clothes.

Pinus strobiformis Mex. wh.
San Luis Mts. at 7894 feet. Pine-

Animas Peak 8783 "

San Jose Mts. Imura 8337 "

Huachuca Mts. descends as low
as 6650 in Miller Canyon.

A distinctly Canadian species
associated with Douglas
Spruce, Aspen & Gambel Oak.

Pinus cembroides Mex. Pinon.

Big Hatchet Mt. ~~8510~~ feet. above
6000 feet.

San Luis Mts 5990 - summit

Huachuca " from 6000 upward.
to 9000 feet.

Pinus ponderosa Bull Pine

Huachuca from 7000 upward.

A Transition form. No 8500

Pseudotsuga mucronata

Most abundant tree of the
Douglas Spruce

zone on the San Luis, ~~San~~
 Animas & Huachuca Mts
 on all of which it reaches
 the summits. Sometimes
 descends as low as 6000 feet
 as in Miller Canyon.

Juniperus monosperma
 One seed juniper.

Upper Sonoran: from 4134 to
 6129 feet.

Juniperus pachyphloea
 Alligator juniper.

From 4440 to 8350 feet.

Populus tremuloides Aspen.
 Canadian. from 7690 to

9472 feet. Largest aspens were
 those on Huachuca peaks.

Quercus gambelii Gambel oak
 Canadian. In Huachuca
 from 7000 to 9472 feet.

22
Quercus emoryi Emory
Upper Sonoran & sometimes ^{Calif.}
into the Transition. Up
to 6500 feet.

July 5, 07.

Left Northridge at 6.00

Tr. Port 5 min. 20

Pushed land over to near

track up train & saw

arrived at 7.00

Here I saw a

number of

and a

and a

from

Black up 8.00

from

The scenery was very

much like

between the

and

Sept. 9. at

For hills, at the Truman
Hills to summit of
South peak out lying
point ab. 5000 feet
down on south face of
same.

Brachyotus immature
material in collection
Occasional, not
common. Brachyotus
Nothing sticks probably
from spring all in
collection. Brachyotus
in fragments, the Brachyotus
red Brachyotus. Brachyotus
terminalis, Brachyotus
prolongata. Brachyotus
by beating. Brachyotus
Brachyotus Brachyotus
of Brachyotus

covered by insect to
 escape detection. No
 other material
 in box yet and some
 pictures film 2.
 no 1 & 2 W. H. ...
 graph ...
 Range.

Film 2

No 2 ...
 ...
 ...
 ...
 No 5 ...
 edge of ...

Film No. 2.

1st, 6. in. Pass. S. W.
 Clunderft engine at
 Woburn.

Film No. 3.

Films

1st 1 - 6. Clunderft
 Snap. after sunset

Film No. 4

1st 1 2. Clunderft, Woburn
 engine at sunset

2nd 2. Clunderft, Woburn
 engine at sunset 1/7

3rd 3. Clunderft, Woburn
 engine at sunset

4th 4. Clunderft, Woburn
 engine at sunset

Work

Film No 5

No. 1 [illegible]

No. 2 [illegible]

No. 3

No. 4

No. 5 [illegible]

No. 6 [illegible]

No. 7 [illegible]

No. 8

No. 9 [illegible]

No. 10

July 23. 07

July 24. 1907.

We left Tucson at 5.30
A.M. with a driver,
and a pack animal and a
mountain mule. We
passed around the
Tucson range and
leaved about eight
miles. From there
we went on
the flat for a distance
of about thirty
miles from Tucson
to the trip we had
the shipwreck to pass
through. At Pinal

Feb 27

1

2

3

4

5

6

altitudes —

El Paso	3687	
Los Angeles	267	
Merced	173	
Pasadena	824	
San Diego	13	
Summit Canyon		382
Denning	11315	
Silver City	5806	
Williams	6748	
Wheeler	7748	



74

Pullman to N. Chas. & tips	18	50
Meals to N. Chas. & tips	14	75
Pullman to El Paso & tips	17	75
Meals to El Paso	21	50
El Paso hotel 1 day	17	45
El Paso on car to El Paso	13	30
El Paso dining & tips	6	75
El Paso hotel 3 days	27	00
El Paso Pullman	1	00
El Paso hotel 1 day	15	75
Cloudcroft hotel 1 day	8	00
Cloudcroft hotel 3 days	17	25
Cloudcroft hotel 1 day	3	75
Horses 1 afternoon	3	50
Baggage, El Paso	4	50
Baggage, El Paso	3	75
El Paso hotel 1 day	15	50
Tips and baggage	2	50
Things bought at El Paso	6	00
Travelling, food, etc.	4	00
	<hr/>	<hr/>
	238	00

40.20
225.05
 631.25

77

Index bill, 4 days	1.50
Pullman 72 San Angeles	4.00
Meal on train & tips	1.75
Los Angeles Hotel Bill	8.30
Los Angeles to S. A. Station	7.00
to San Angeles	1.40
California Hotel bill	11.80
Meals taken outside	1.50
Travelling ticket - San	2.00
Dining expenses	1.10
Travelling & San	4.00
Los Angeles auto	2.00
Los Angeles meals (table)	15.00
Los Angeles Hotel bill	11.90
Los Angeles to San (table)	3.50
Drinks San. Table	.75
Hotel San. Table	2.50
Travelling expenses	4.50
Hotel San. Table	4.00
Meals & San. Table	2.75
	5.25

\$715.80

Meals on way back of ship	12.00
Tip	2.00
1 Kombi to station & back	5.00
Hot water	1.00
Telegram	1.00
Stamps & postcard	4.00
Hot water	1.00
Tip	1.00
Station to & from 2 minutes	20.00
Hotel del	2.00
Washington	2.00
Wash. D.C. 100	1.00
By the hotel & 200	-
Wash. D.C. 100	-

67.18
 10.00
 \$77.18

715 80
82 55
\$ 798.35

79

Hotel Oak Rooms	2 25
House back	3 00
Breakfast	2 50
Fallman to S. Days	2 00
Boat fishing 1/2	6 00
Medicines	4 85
Tips at Hotel	3 25
fishing line. boat	1 50
watch crystal etc	1 50
washing Colours	2 80
Los Angeles 2 days	4 00
meals (5) tips etc	5 00
Fallman to Sisco	1 50
2 meals on train (tips)	2 20
1 Thompson's thick pen	50
Tuna mounted	6 00
washing Los Angeles	2 35
clothes pressed & cleaned	2 85
nothing gallery total	2 50
	77 55

photographs at S. Angelo

2 16.

8100.3

10700

87100.0

\$ 10.60

85

645

Aug	22	pears	05
"	-	street cars	35
-	-	Tips 3 waiter 1 bell boy	70
-	-	champagne	75
-	-	Candy & paper	25
-	-	soda	15
23	-	Net Samalpais	1 90
-	-	lunch	90
-	-	postals & stamps	25
-	-	paper & candy	15
-	-	sodas	25
-	-	tips 2 waiter 1 bell boy	55
-	-	car fares	20
24	-	Berkley Falls	10
-	-	and 2	15
-	-	sodas 2	50
-	-	pop 2	50
-	-	tips 2 waiter 1 bell boy	70
-	-	skating rink 2	90
-	-	lunch San Francisco	50

10 60

Aug	24	shot machine	10
	-	newspaper	05
	25	curry	2.
		street car 2	40
		Auto. make 2	1 10
		type	35

On the mesa outside
 Albuquerque I found only
 a very few *S. virgulata*
 and *Epilachne* group
 and that was all.

Navajo Co.

971

25-11-38

12. Alt. 6748 ft. 2.13.27

Callinus virginianus *Call. virginianus*

the herbs - a country

... to ...

2. 1954

97 Sept 12 1887

Small *Onoseris* ... were
 drift ... but ...
 as they were plentiful. *T.*
maculata only found in
 open ... especially near ...
 ... *Onoseris* ...
 ... with ...
 ... and ...

96

... at ... and ...
 Colorado ... 12. Alt 4850-

Specimens taken ... almost
 cover
 with ... and

... ..

... ..

... ..

along upper precipitous
sedges - nowhere plentiful.

One small *umculata* like
specimen taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

A *Purpurea* & *juniperus* - both
taken among fount.

Blue wing *Junco oreganus* - taken
at north walling flight.

Spent a small number's time

♀ *Phagnomantis* from the

the *Tricentra* which from

presented me with a few

smaller & smaller ones

Two yellow in the shape

of a *Tricentra* which

had a yellow

back of the head

smaller

I collected

I collected

I collected

I collected

I collected

I collected

I collected

I collected

I collected

I collected

I collected

103 Summit Lagoon Pass 1 specimen
at 3820 ft.

But after displaying
similar action to
the one just seen
among the birds.

The birds were
seen to fly
in the air.

71 Taken on the way at Colton
The bird was seen to fly
in the air. It was
seen to fly in the air
in the air. It was
seen to fly in the air.

72 The bird was
seen to fly in the air
in the air. It was
seen to fly in the air
in the air. It was
seen to fly in the air.

89

Summit House, Madera Co. Cal. 1882

21

and not any ladder.
 Main ^{most} species. The
 first was the same that
 I felt confident in collecting.
 In the low pine forest
 I found it - Specimens were
 Mark up in some trees
 on their trunks was all
 about - very few at large
 or flowers.

7
 Miami Mangrove C. Cal. X. 3
 Elevation 4200 ft. Specimens
 taken in mangrove in swampy
 place.
 etc.

Aluochnee Madera C. Cal. X. 3
 alt 3700 ft. Specimens taken
 in a small stream in a forest.
 The mangroves are common
 there only.

all along the road these birds
& Insects were swarming in the
under forest.

54

Suttons Granite Park alt 11000 ft

All different species of birds

one of the most common was a green

bird which I saw in the upper

part of the forest. The upper

part of the forest was very

open and the birds were

very numerous. The lower

part of the forest was very

thick and the birds were

very numerous. The lower

part of the forest was very

thick and the birds were

very numerous. The lower

part of the forest was very

thick and the birds were

very numerous. The lower

part of the forest was very

thick and the birds were

very numerous. The lower

and in the mentioned localities
Xiphidione was common. In
 meadows of herbs (meadows) I found
 a small winged insect, perhaps
 in a restricted number of
 almost all meadows. It was
 very common. It was the same.
 It was the same. It was the same.
 The *Spheropteris* was common and
 a strange way of the *Spheropteris*
 in meadows of herbs (meadows). It was
 a common insect. It was the same.
 It was the same. It was the same.

shrubs. As on all the other
species I saw about four or
five trees usually with
one tree to each. The trees
were all very old & thick
species almost everywhere
abundant on the ground
the arborescences of the trees
were the same. The ground
was covered with the same
character.

Alt. 17,000

75. *...*

Take fruit of the tree...

...

...

...

...

77. *...*

...

...

...

more of these found near
 the base of the bush. The
 species is common but not
 so small and beautiful that
 it is quite different from the
 77

Not Linnæan. Marine. 1811. 22
 Alt 1500 ft. Specimens taken
 during some investigations. The
 specimens common but not
 as beautiful as the former
 specimen on bush No 3 also.
 The bush is a small one
 bush No 3 with a few flowers
 at the top of the bush. The
 flowers are small and white
 of all the flowers
 of species of the same family
 found on the island, some
 of the flowers are white
 and some are pink. The
 flowers are small and white
 of all the flowers

74

Apr. 20. Alt 300 about

Hill valley, Arizona VIII. 23 in dry grass

hillside - *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata**Camunia* not common. *Lipidula* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*very common - *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*Alt 2500 *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata**Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*

Alt 2100. In stream canyon

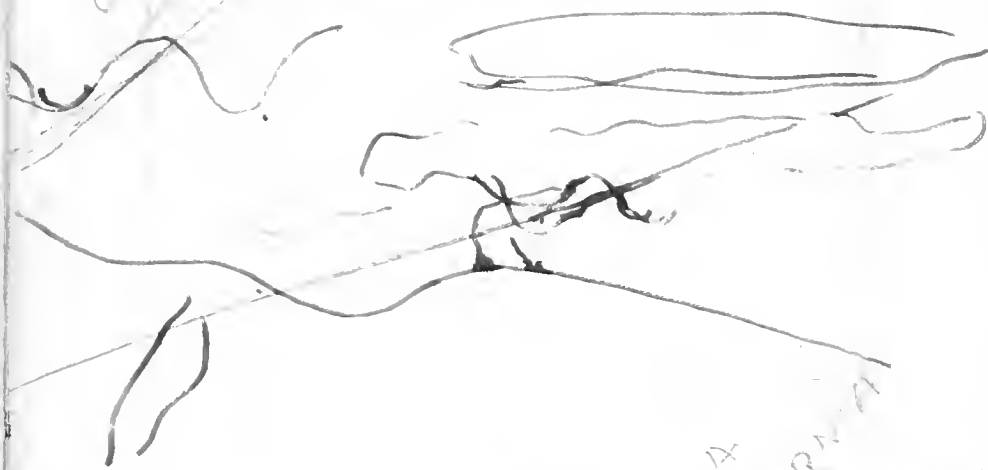
about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*about 1000 ft. *Sphaeralcea* *guttata* *guttata*

never left the bush but
 hid in the deepest part
 and was very difficult
 to secure. There are two
 other forms of *Scirpus* &
 three I found but do not
 really know the names are
 the same as the fertile
 the plant is a greenish
 blackish with a yellowish
 center. ~~the~~ gray, in
 short spikes. It is
 prostrate. It is a
 species, white in part on red
 & prostrate. It is the
 same almost white in
 color. It is a
 nearly a single cloudy
 soft green plant, it is the
 same in color. It is a
 small plant.

65 In Nevada ~~1~~^{1 1/2} mile from
 Lyons station in California
 Same character of country
69 precipitous

China California 11/93 12-17
 a high plateau covered with
 tree grass. The vegetation
 was ~~very little~~ ^{very little} ~~meagre~~ ^{meagre} and
 different species of grasses
 along the track in timbered
 I found ~~some~~ ^{some} ~~and~~ ^{and}
 and in different places - The

Map showing
 Spring Bird-spring Mts.



McClure Range NEVADA CALIFORNIA

Spring Mountains at 5000 ft



Spring
 Mountains

Spring

The air their wings looked
 in the misty air
~~from~~ dull ~~dark~~ but
 translucent blue -
 all of Lepus (30-40 ft)
 all of Lepus (30-40 ft)
 all of Lepus (30-40 ft)
 all of Lepus (30-40 ft)
 all of Lepus (30-40 ft)

67

The Lepus

Across the line of mountain range was
Lepus (Station) - The strong desert
species was only found in the
desert covered by a very
dry grass near the station
in other similar localities
it was found but not it
is scarcely found along the range
along the range the strong desert
species was found but not it
is scarcely found along the range

Perotomus in small desert
 bushes in arroyos. Parapomus
 in strange patch of deep
 sand with only growth
 clumps of high dry grass.
 I flushed the *Hatydia* from
 a greasewood, and it flew
 over the prairie much like
 a *Ochistocerca alightum*
 on the top of another
 greasewood, at least
 two hundred yards away.
 Its narrowest wings stopped
 flew upward, and for
 quite long distance
 alighting on the bare
 of cactus branches
 and crouching at once
 upon one of the angles
 stones with great
 they were very frequent
 and often seen

65.

Q67-2073

Las Vegas Nevada VIII. 10 2nd m. road
along down stream from town
the plain of brush and desert
plants found on the surrounding
Democrotopis melanocryptus group
specimens taken on the road
specimens of *Democrotopis*
Agave *platanifolia* on
low flowing banks.

66 -

(over)

blue wing

Alt. 2200 Summit 2300

62 North Range Providence Mts Cal.

VIII. 12. Specimens taken on plain covered with scattered ^{bush} vegetation - Greasewood and a desert bush - 7 *Stizomus* taken in green desert weeds - Heavy largest hopper found on volcanic rocks (plain was made up of these and a very little sand) Most of the *Doroniina* found resting on desert weeds - *Sigurotilla* and *Boottia* all in greasewood. Blue wing ~~*Stizomus*~~ ^{*Spinicrotopis*} on volcanic foothills of bare black rock with hardly any vegetation One *Melanophus sanguineus*? seen but not taken on low desert bush Diligent search for an hour in the vicinity failed in finding others

Note - The small immature grasshopper taken at Arden w. strange long antennae was beaten from a low dry desert bush -

found in dry places close to stream. *Melanoplus* in high weeds near stream. Both *Alpheia* & *Parafornax* stridulate faintly.

61

Oct. 2050 Aug 10th

Las Vegas Nev. VIII. 19. 07 Specimens taken in watered strip beside stream. All *Stenotarsa* found in one clump of very green weeds. *Meloboris* & *Leptozis* found in grass beside stream rather well distributed - *Cryptulella* in same location. *Acrolophus* found beside stream but in swarms out among the low desert plants -- In the desert away from the stream practically nothing was to be found - a line flat.

60- Las Vegas Nevada VIII. 19.07

Specimens taken in desert
lands on both sides of
stream - no greasewood
hardly any mesquite All
low desert plants such as
rabbit wood etc. *Alpina* found
in newest growth of plants
where grasses were to be found
Paraponera in same
location but more near
grass. *Sigurotella* heard
in one small colony
in a thicket of a low
spined desert bush -
They did not make as
loud a noise or as prolonged
as *Knuzei* at Yucoson
Small like *derotumma*
w. both red and transparent
wings found in bare,
desert places - *Weslobexia*

VIII. S

VIII.8
57. 2700-3500 ft. Echo III. Darke
Darke Juncatropes taken at Echo
int station. Star many more of
these were - some take there a
♂ Darke taken on loose rock
of very steep incline ~~and~~ slope
the same as above. Many other
of which I saw. One Linnæus
on shore at 3200 ft. Linnæus
Linnæus common on hillside.

The smaller amount of

was 100.00

which was

the same

as the

amount of

the

amount of

the

amount of

the

amount of

the

amount of

the

amount of

the

amount of

the

amount of

Amphibian

Place at the

1000-1.300

1000-1.300

1000-1.300

1887 Jan. 11. Sunday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 12. Monday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 13. Tuesday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 14. Wednesday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 15. Thursday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 16. Friday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 17. Saturday
 at the house of the Rev. Mr. [unclear]

1887 Jan. 18. Sunday
 at the house of the Rev. Mr. [unclear]

almost
 plentiful in all the
 hills & mountains, especially
 those in the south. It is
 a dense thicket of
 bushes and species was
 extremely common. It was
 collected in several
 places, the first of which

52

was at the station. It was
 found in the hills of the
 south, and in the hills of the
 north.

The very first of the
 year. It was found in the
 hills of the south, and in the
 hills of the north.

The very first of the
 year. It was found in the
 hills of the south, and in the
 hills of the north.

common. holocarpa scarce
in the grass in the field.
NOTE!

Gradua Cal. Whit. Saper-
(arroyo seco)
in wide canyon. The lower
part of the road is the only
place where it grows.

Med.
Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.

Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.

Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.

Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.
Red. Red. Red. Red. Red. Red.

49 ^{mid}
 50 ^{mid}
 51 ^{3.20}

At Virginia in the middle of
 the 19th century, the garden of John
 Campbell, a great man, tall, thin, and
 very active and energetic, was
 famous for its fruit. The
 fruit was so plentiful
 that it was sold in
 the market. The fruit was
 so good that it was
 sold in the market.

49 - No. 50. SE NOTES

Found a lot of small birds
 in the steep side of the
 island shrubs and they were
 in a very noisy lot. The
 birds were very noisy and
 only one blue bird was seen.
 The birds were very noisy.

Antenna pinnate 5-7
 Joint pinnate. 8/11/27
 41

Antenna pinnate 5-7
 Joint pinnate. 8/11/27
 41

Antenna pinnate 5-7
 Joint pinnate. 8/11/27
 41

Antenna pinnate 5-7
 Joint pinnate. 8/11/27
 41

Antenna pinnate 5-7
 Joint pinnate. 8/11/27
 41

Antenna pinnate 5-7
 Joint pinnate. 8/11/27
 41


Santa Cruz

Alumina

and

Loc. 36 *Lythrum* *maritima*

36

Spent ^{varieg.} *Lythrum* *maritima* 13. 1/2 ft.
 from *Lythrum* *maritima* 13. 1/2 ft.
Lythrum *maritima* 13. 1/2 ft.
Lythrum *maritima* 13. 1/2 ft.
Lythrum *maritima* 13. 1/2 ft.

37

37

37

Lythrum *maritima*

Lythrum *maritima*

Lythrum *maritima*

Lythrum *maritima*

Lythrum *maritima*

Lythrum *maritima*

Lythrum *maritima*

Lythrum *maritima*

Stasia R. C. 1891
Stasia R. C. 1891
Stasia R. C. 1891

July 10 - 1891
 went up the hill to the
 the top of the hill
 looking over the valley
 was very beautiful
 in the evening we went
 with the
 photographer

the presence of some was
 among the latter was
 the other side of the
 active and small that
 they were almost a difficulty
 to observe was common
 in the frequent washes
 and also to compare
 very few water birds were
 more than a few in the
 Heligets was very common
 and pale in the
 water.

VII 1824

32. VII 24 Specimens taken on
 plain. The first is a small
 white bird. The second is a small
 bird of the same species. The third
 is a small bird of the same species.
 The fourth is a small bird of the same species.
 The fifth is a small bird of the same species.
 The sixth is a small bird of the same species.
 The seventh is a small bird of the same species.
 The eighth is a small bird of the same species.
 The ninth is a small bird of the same species.
 The tenth is a small bird of the same species.
 The eleventh is a small bird of the same species.
 The twelfth is a small bird of the same species.
 The thirteenth is a small bird of the same species.
 The fourteenth is a small bird of the same species.
 The fifteenth is a small bird of the same species.
 The sixteenth is a small bird of the same species.
 The seventeenth is a small bird of the same species.
 The eighteenth is a small bird of the same species.
 The nineteenth is a small bird of the same species.
 The twentieth is a small bird of the same species.
 The twenty-first is a small bird of the same species.
 The twenty-second is a small bird of the same species.
 The twenty-third is a small bird of the same species.
 The twenty-fourth is a small bird of the same species.
 The twenty-fifth is a small bird of the same species.
 The twenty-sixth is a small bird of the same species.
 The twenty-seventh is a small bird of the same species.
 The twenty-eighth is a small bird of the same species.
 The twenty-ninth is a small bird of the same species.
 The thirtieth is a small bird of the same species.
 The thirty-first is a small bird of the same species.
 The thirty-second is a small bird of the same species.
 The thirty-third is a small bird of the same species.
 The thirty-fourth is a small bird of the same species.
 The thirty-fifth is a small bird of the same species.
 The thirty-sixth is a small bird of the same species.
 The thirty-seventh is a small bird of the same species.
 The thirty-eighth is a small bird of the same species.
 The thirty-ninth is a small bird of the same species.
 The fortieth is a small bird of the same species.
 The forty-first is a small bird of the same species.
 The forty-second is a small bird of the same species.
 The forty-third is a small bird of the same species.
 The forty-fourth is a small bird of the same species.
 The forty-fifth is a small bird of the same species.
 The forty-sixth is a small bird of the same species.
 The forty-seventh is a small bird of the same species.
 The forty-eighth is a small bird of the same species.
 The forty-ninth is a small bird of the same species.
 The fiftieth is a small bird of the same species.

near corner found in
 clumps of grass from
 which I found the birds
 almost impossible to find
 as they sang so lightly
 to the blades but they
 were easily scared up
 and taken. All the
 birds were very tame

21

Leaving at 11:00 at night
 light caught by the moon.
 No light under.

30 Tucson, Pima Co., Ariz
 VII 23.07. At light in
 city.

1. Tucson, Ariz. many
 birds in place. first
 of the season. Tucson
 VII 24

Arctostaphylos was very abundant
in clumps along the creek
and in the low ground.

The species of *Arctostaphylos* seen
here is from the western coast.

The first *Arctostaphylos* seen
was a small one, very much
reddish. The leaves
were only occasionally green
and was a very fine specimen.

The second *Arctostaphylos* seen
was a larger one, very much
reddish.

The third *Arctostaphylos* seen
was a very fine specimen, very
much reddish.

Hesperotettix taken under
 stones about 400 ft above plains
 everywhere on the small plateau
 was to be found but in so
 much fewer numbers than on the
 plains. *Hesperotettix*, and
 several walking *Stelids* were
 taken on the (*Capsella* weed)

27

Specimens from station 5 and 6.
 In former birds for H. K.
 and 6. H. K. birds for H. K.
 the *Hesperotettix* was extremely
 many and most species flying
 mostly for a short distance. It
 is not at all clear that it was almost
 impossible to find a bird that
 was not flying. The birds were
 the *Hesperotettix* and *Hesperotettix*
 and the *Hesperotettix* and *Hesperotettix*
 and the *Hesperotettix* and *Hesperotettix*

There is a small pond
of water where Cordillaries
was found most plentifully.
I saw one of the plants
about five miles north
of Silver City on the R.R.

When we reached the pond, an
very dry well, about 10 ft
deep, the water was very warm
from the sun. It was filled by
water from the pond.

The upper part of the hill
is covered by the dry lake bed.
The water is very warm.

The water is very warm
and the temperature is
about 100 degrees Fahrenheit.
The water is very warm
and the temperature is
about 100 degrees Fahrenheit.

VII. 19. 07.

23 Dinning Lake at night about four
lights. All homogeneous. The
one, large, old - smaller one
which is light blue - except
one which was flying about
a light similar to a Noctua
but not so dramatically -

24 Dinning at night VII. 20. 07.
The light from the lake
and the light from the
lake to the lake - light
from the lake -

25 Dinning at night VII. 21. 07.
Specimens taken from the
lake - light from the lake
and the light from the lake
and the light from the lake
and the light from the lake

stands at angles from the hills
Two English Deer at
about 500 & 550 ft in
dense sabbie forest just
below bare rocks. One
small deer in at walking
stick & many others.
Below the small forest
hill there are sabbie hills.

Short winged culexoplerus
 found in very few swamps
 among oaks (bark holly) but
 a number of immatures
 of probably the same speci-
 men. *Mercuria* — one
 mature male seen. Setting
 found under protopal in
 very small wet
 ground in open grass
 below a spring at about
 5100 ft. *Simulotripis* like
annulata but darker than
 same place in Sept. 1891.
 The spotted larva very common
 above 5000 ft. and common
 in lower forest. *Trich-*
odontellus and *Psylla*
 in Sept. 1891. *Psylla*
 in Sept. 1891. *Psylla*
 in Sept. 1891. *Psylla*

20 Specimens taken at
 edge near Mexico VII. 1907
 were taken in low but
 thick growth of desert
 grass where *Euphorbia*
 was extremely plentiful

21 Florida Mts, Luna Co. N.M. VII. 19. 1907

Specimens taken in Cañon on
 north face of mts at foot of
 Arco del Diablo. *Mercuria*
feluctifolia in ^{low} ~~low~~ ^{small} bushes. It was
 taken from an elevation of
 5000 to 6000 ft. highest we could
 Blue winged Greenlet, *Troglodytes*
 and *Melospiza* scarce.
 in bare precipitous rocks
 little vegetation and many
 species. 4 *Quercus*, 3 *Pinus*
 on good soil. *Juniperus* none
 found below 5000 ft.

The walking Stilts exhibited
 a striking likeness to the
 Proboscidea from their elevation
 and would hold themselves
 in position with legs held
 at right angles when alarm
 was signalled with
 a sound to resemble a trumpet
blast from the
 bush and soon when I
 dropped it on its back
 in the sand it immediately
 lay on its back
 the walking Stilts were
 a very good deal from
 the Proboscidea and were
 very different in appearance
 to the Proboscidea
Steltonia stylis

The people ~~depended~~ sought
on safety over by
sucking shelter in the
mud of the pit as
the ground for Helian
was below the surface
the most of the
Helianthus was abundant
in the marshes & marshes
were plentiful in the
colony of Helianthus
found. Scirpus a
principal in the marsh
but it was very
difficult to find
as it was on a very
low ground, swampy
marshes, and the
water was deep.

18 El Paso Texas 11 19
 specimens taken
 and sent to
 with the specimens to
 East of the
 The anthropologists
 all taken

heavy dumps
 quite where the
 Thomas were
 it was covered up with
 it was then striking
 distance and the rest
 of the dump with
 the dump

the anthropologists
 the dump

16. *Alouatta palliata* July 16
 Taken at station. The mother
 was seen. I was done in
 low trees, the little attracted
 by light.

17. *Alouatta palliata* July 16
~~One only in low, fruit.~~

Specimens of *Alouatta* were
 taken in grass near the
 cottonwoods of the river.

I could find no
 individuals of the

more taking in the trees.

One was seen at the

station. I caught a young one
 in a small plant in
 great grass.

It was taken at the

September 10

spaces of forest & meadows.
One Chestnutpecker taken in
open field. I saw several
Hairy Woodpeckers and Downy Woodpeckers
found to be very common
during the time I was
in the woods in the meadows
where they were so abundant
yesterday afternoon.

15

My father & sister from
wrote me a long letter
of James & Anne at 8 o'clock
of the day after the letter
taken from the summer
house. I got it from
the letter was
sent to me. The letter
was
the letter was
the letter was

taken there and one of 27
 taken in grassy field.
 Gomphocerius the most
 abundant species found
 in greatest numbers in
 grassy field especially
 along the edge of the
 woods.

13 Three specimens taken in
 one light night VII 12, 1911
 St. Lawrence Co. New York

14

One specimen 5.12.11
 taken in grassy field
 near edge of woods
 near entrance to lake and log
 pile. Small butterfly
 taken from edge of grass
 near (young) apple
 tree. Abundant in woods

The ... was beaten from a
 ... of the ... 5300 ...
 ... all the ...

The ... location of 5300 ...
 one of the ...

The ...
 The ...
 The ...

Gymnura was
taken in the mud
between 4000 and 5500

(The most beautiful and powerful prayer)

7-11-19

in the street.
 light large white (not)
 seen but not brought.

Doct. Keller plentiful, *Utricularia*
lappaceum *tatensis*.
 "

found with *Utricularia* July 12
griasum *Utricularia* *lappaceum*
 The *Utricularia* *lappaceum* *tatensis*
 I found *Utricularia* *lappaceum*
 but *Utricularia* *lappaceum* *tatensis*
griasum *Utricularia* *lappaceum*
lappaceum *Utricularia* *lappaceum*

from the *Utricularia* *lappaceum*
lappaceum *Utricularia* *lappaceum*
lappaceum *Utricularia* *lappaceum*
lappaceum *Utricularia* *lappaceum*

locals of the region are locally
found in a mass of
stones where it is almost
impossible to locate
which crevice in the house
of the rabbits.

15. *Alamogordo* 11th 1897
located in the

valley of the

San Joaquin River

located in the

valley of the

San Joaquin River

located in the

valley of the

the common *Tricentropes*
 seen there. *Phaeocephalus*
 fairly common in certain
 small spots the least
 and of that sterile waste
Littorinitia better from green
 Several *Schistocerca* were
 seen but all were too shy
 to capture & I flew for
 far over the mesa to
 procure. Studied some of
 the life of the great
 reptiles at intervals. The
 animals were the large
 lizards of the same color as
 the lizards of the same period.
 The lizards are very active
 and even when in their
 holes some of the lizards
 when they are out of their
 holes can be seen to

very difficult work. The terrain
not common at foot of
mesa on level ground by
bare ground. Collected
taken from Mesquite where
it was clinging to a Thorn-
Palm tree. Collected many
large ones. Collected
Synanthus - one very
rich - only specimen.
Haidemulla taken on
summit of shoulder covered
all at foot of mesa -
standing in water and
a small pool. Taken
from. Further on summit
of hillside seen a large
fallen tree. Nothing on
ground except grass and
up to top of mesa only
a few plants.

flowers of the leucobush the
 net was useless. *Mercuria*
 was also there. fairly numerous
 One of the most winged *Melampus*
 (like one taken 8) was seen
 but escaped. Nearby in
 dry low grasses one *Leptis*
 and *Orthocentrus* were taken
Hippodamia on bare ~~patch~~
 among low weeds on road.
 and legged *Harmonia*
 taken in same locality.
Harmonia fairly numerous
 on bare ground but not
 to certain localities.
 Blue winged *Chrysobothris*?
 found also in same place.
Chrysobothris
 and *Chrysobothris* more
 in *Chrysobothris* place. *Chrysobothris*
 in *Chrysobothris* place.

Less immature *Leontodon*
 taken by beating grasses
Melampyris place on a
Desmodium stem on bare sand.
 Larvae not much like *Leontodon*
 as the young *Leontodon*
 larva. A few *Leontodon* &
 captured in the field, are
 yellow with a white *Leontodon*
 as the *Leontodon*.

Another *Leontodon* was found
 at the same place. The *Leontodon*
 production with *Leontodon*
 of the *Leontodon*. There
 the larvae of the *Leontodon*
 melanopis was found to
 be sometimes in the numbers
 of 100 or more in a single
 place. These *Leontodon*
 are often found in the

1 Sheppard Quarry Co. Texas. VII. 1897

Specimens collected beside R.R.

Collected among dry grasses.
Encosete, very swift, somewhat
plentiful on a path through
grass. Defense strong, flying
with sound like mine & twice

2

San Antonio Co. Texas. VII. 1897 One
always taken on wady location
long from west side. A sign
found taken with red apple

3

San Antonio Co. Texas. VII. 1897
Taken on grassy field. Very common
Open field

4

San Antonio Co. Texas. VII. 1897
Taken from under stone. Found in
Sept. 1897 from the dry grasses
Substance from stone

